TITLE: METHODS, DATA STRUCTURES, AND SYSTEMS TO ACCESS DATA IN CROSS-LANGUAGES FROM CROSS-COMPUTING ENVIRONMENTS INVENTORS NAME: Yanfeng Lu

DOCKET NO.: 1565.005US1

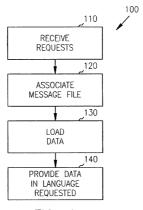


FIG. 1

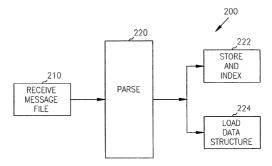


FIG. 2

TITLE: METHODS, DATA STRUCTURES, AND SYSTEMS TO ACCESS DATA IN CROSS-LANGUAGES FROM CROSS-COMPUTING ENVIRONMENTS INVENTORS NAME: Yanfeng Lu DOCKET NO.: 1565.005US1

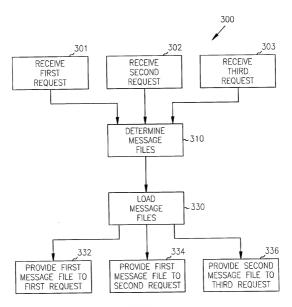


FIG. 3

TITLE: METHODS, DATA STRUCTURES, AND SYSTEMS TO ACCESS DATA IN CROSS-LANGUAGES FROM CROSS-COMPUTING ENVIRONMENTS
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DOCKET NO.: 1565.005US1

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400 440 450 WEB LANGUAGE MANAGER SERVER 430 410 <u>ئے</u> 452 442 LANGUAGE **ENGLISH SERVER** MANAGER WEB SESSION 1 SESSION 1 Ν BROWSER E T W 420__ 0 454 444 Ř LANGUAGE CHINESE R SERVER MANAGER WEB SESSION 2 SESSION 2 BROWSER

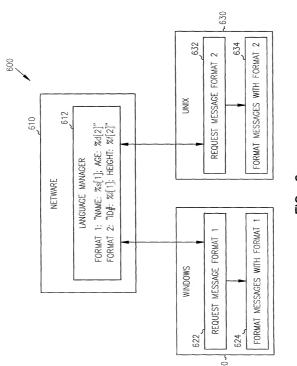
FIG. 4

TITLE: METHODS, DATA STRUCTURES, AND SYSTEMS TO ACCESS DATA IN CROSS—LANGUAGES FROM CROSS—COMPUTING ENVIRONMENTS INVENTORS NAME: Youngeng Lu DOCKET NO. 14/8

500 502 501 RECEIVE SECOND RECEIVE FIRST REQUEST FOR REQUEST FOR SECOND LANGUAGE FIRST LANGUAGE 510 **IDENTIFY** LANGUAGE REQUEST 516 514 512 IDENTIFY SECOND LOAD TO IDENTIFY FIRST MESSAGE FILE FOR MEMORY OR MESSAGE FILE FOR SECOND REQUEST DATA STORE FIRST REQUEST 520 SIMULTANEOUSLY PROVIDE MESSAGE FILES DIFFERENT ENVS.

FIG. 5

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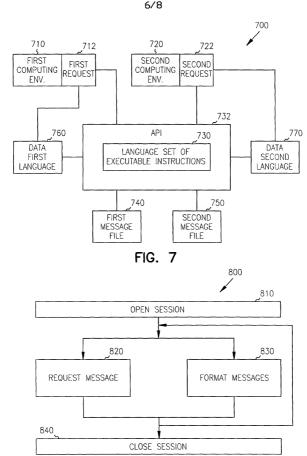


FIG. 8

TITLE: METHODS, DATA STRUCTURES, AND SYSTEMS TO ACCESS DATA IN CROSS-LANGUAGES FROM CROSS-COMPUTING ENVIRONMENTS INVENTORS NAME: Yanfeng Lu DOCKET NO.: 1565.005US1

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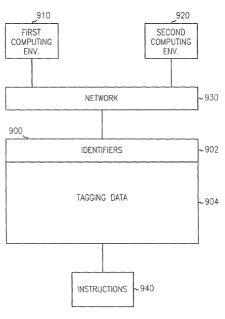


FIG. 9

8/8 1000 ~1022 ~ 1023 ~1052 ~1053 1054 1051 050 1020 MESSAGE TABLE 0601 NODE mod2_en.xlf zh.xlf FOR IN Ш mod1 1042 ~1043 ~1044 1015 ~1062 L 1061 COUNT 1016 1018 101 1060 1040 MESSAGE TABLE 1080 RF mod1_zh.xlf mod1_en.xlf mod2_en.xlf 4 FOR \exists 1013 eu 1010 UNICODE-1-1012 1041 S0-8859-UTF-8 CHARSET : 1063~ 1064. 1011 1005 NODE LIST 1035 1006 1008 9 LANGUAGE 1036 037 e Zh eu 1031 MESSAGE TABLE MODULE NAME 1070 MODULE NAME mod1_en.xlf 100 mod2 FOR mod1 mod1 mod3 mod 1 • 1010 030 1033 MESSAGE TABLES 1032 1002 1003 1004 TABLE SESSION TABLE 빔 REGISTRY MESSAGE